

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.


- ☒ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name Napa County Unincorporated		County Napa	
Authorized Signature 		Title Director, Napa County, Dept. of Environmental Mgmt.	
Type/Print Name of Person Signing Trent Cave	Date 3/29/03	Phone () Include Area Code 707-253-4471	
Person Completing This Form (please print or type) Amy Garden		Title Environ. Resource Specialist	
Affiliation:	Napa County Department of Environmental Management		
Mailing Address 1195 Third Street Rm 101	City Napa	State CA	ZIP Code 94559
E-Mail Address agarden@co.napa.ca.us			

Section II: Information for New Generation-Based Study for Existing or New Base Year			
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").			
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>			
1. Current Board-approved existing base year:		2. Proposed new generation-based study year:	
1995		2002	
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:			
The proposed generation study is representative of the jurisdiction's disposal and diversion because the numbers are verifiable through CIWMB-approved methods. The disposal numbers are those reported to the CIWMB through the disposal reporting system and the diversion numbers have been collected through methods outlined in the CIWMB's Diversion Study Guide.			

4. Enter diversion rate information below.			
Diversion rate calculated using existing base year		Diversion rate calculated using new generation-based study	
a. 23 %		b. 67 %	
For existing base year pounds/person/day based on generation		For new generation based study pounds/person/day based on generation	
1.3 lbs		4.7 lbs	
Residential generation 32 %	Non-Residential generation 68 %	Residential generation 32 %	Non-Residential generation 68 %
Population existing generation-based study 15,550		Population new generation-based study 15,550	
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics). The diversion rate calculation in 4a uses default numbers from the CIWMB's Diversion Rate Calculator. The number in 4b is based on a calculation using actual disposal and diversion numbers from disposal facility reports and verifiable diversion statistics from several sources. The population of this reporting area is very difficult to verify because the Unincorporated County is divided into two separate AB939 reporting areas that do not have well defined boundaries. We feel that 15,500 better represents the population (although it could be higher).			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.) The County continues to implement a variety of waste reduction and recycling programs. We feel we do a good job with the resources available. Although we recognize the importance of diversion reporting as the primary tool that the state has to measure compliance, we spend as much time as possible implementing programs versus counting diversion. We have included diversion figures from a minimum number of sources to indicate our achievement of a 50% diversion rate in order to obtain compliance with the California Integrated Waste Management Act. The CIWMB's Guide to Conducting a Diversion Study lists many more diversion sources that can/could be utilized for diversion calculations. Diversion from thrift stores, for example, is not claimed although we know this would be substantial. Nor have we quantified diversion from source reduction activities, even though 60 - 80% of the businesses surveyed indicated they conduct source reduction activities. We also do not include any household hazardous waste, tires, batteries, or motor oil in our diversion calculation. The diversion we include is accurate and verifiable and not extrapolated.			

7. Disposal Tonnage (enter values):	7655	16267	23922
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					Not claiming diversion from this existing source at this time.
Grasscycling		0.0%			" "
Other Residential Source Reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling	543	0.7%	newspaper, cardboard, glass, paper, plastic, aluminum	Actual tonnage records	NVDS (GA & FA = 455.36 tons) and Berryessa Garbage Service records = 87.41 tons)
Buyback Centers					Not claiming diversion from this existing source at this time.
Drop-off Centers	174	0.2%	newspaper, cardboard, glass, plastic, aluminum	Actual tonnage records	Private Recycler records (Buy In DRTS)

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Other Residential Recycling (list each program separately)					
Hauler collection (inerts)	458	0.6%	steel, concrete, dirt, toilets	Actual tonnage records- MRF composting and recycling facility	NVDS records (GA & FA =424.64) and Berryessa Garbage Service records (34.4 tons)
Wood waste (NVDS)	550	0.8%	wood waste to biomass fuel	Actual tonnage records- MRF composting and recycling facility	NVDS (GA & FA)
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	1726	2.4%			
Residential Composting Activities					
Green Waste Drop-off	792	1.1%	green/yardwaste	Actual tonnage records / MRF Composting and Recycling Facility / Buy In drop off	Private Recycler records (Buy In) GA & FA
Curbside Green Waste	1841	2.5%	green/yardwaste	Actual tonnage records/ curbside service	NVDS records (GA & FA)
Christmas Tree Program					Not claiming as separate diversion figure.
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	2633	3.6%			
Subtotal, Residential Diversion	4359	5.9%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	6263.37	8.5%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
					Not claiming diversion from this existing source at this time.
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	6263	8.5%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Recycling					
Non-Residential Waste Audits*	28354	38.7%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Commercial collection	1023	1.4%	Includes newspaper, cardboard, glass, paper, plastic, tin, aluminum,	Actual tonnage records- commercial recycling	NVDS (GA & FA = 967.54 tons) & BGS (55)
Commercial collection (wood)	1170	1.6%	wood waste to biomass fuel	Actual tonnage records- commercial recycling	NVDS (GA & FA)
NVDS collection and MRF drop off	935	1.3%	steel, concrete, dirt, toilets		NVDS (GA & FA = 901tons) & BGS (34.4)
Private Recycler - commercial buy back			Includes newspaper, cardboard, glass, paper	Actual tonnage records- Private Recycler/Buy in	Private recycler records
Enter program name					
Subtotal Non-Residential Recycling	31482	42.9%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*	2226.3	3.0%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
NVDS Commercial Green waste pickup	3912	5.3%	yardwaste	Actual tonnage records- MRF composting and recycling facility (NVDS)	NVDS (GA & FA)
Green waste drop off	792	1.1%	yardwaste	Actual tonnage records- MRF composting and recycling facility (NVDS)	Private Recycler records (Buy In) GA
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	6930	9.5%			
Subtotal Non-Residential Diversion	44676	60.9%			
Residential/Non- Residential Diversion Activities					
ADC					
Sludge					
Scrap Metal					
Construction and Demolition	168	0.2%	metal, cardboard, concrete , dirt, yardwaste	Actual Tonnage Records - mixed waste recycling program for Roofer/C&D at MRF	Private Recycler records (Buy In) DRTSRYA Unincorporated County = 18.14% for 2002
Landfill Salvage	190	0.3%	wood waste to biomass fuel	Actual Tonnage Records - mixed waste recycling program for Roofer/C&D at MRF	Private Recycler records (Buy In) DRTSRYA Unincorporated County = 18.14% for 2002 applied to 1048 tons
Subtotal Residential/ Non-Residential Diversion	358	0.5%			
Total Res/Non-Res Source Reduction Tons	6263	8.5%			
Total Diversion Tons	49392	67.4%			
Total Disposal Tons from Sec.7	23922	32.6%			
Total Generation Tons (Div+Dis)	73314				

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Diversion Rate	67%				

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Pipe manufacturer		Recycling multiple materials		20428		#REF!	#REF!	P,M
Road base manufacturer		Concrete and asphalt recycler		7009		20,428	27.9%	M,P
golf course		grasscycling	2584			2,584	3.5%	P,fax
golf course		grasscycling	2280			2,280	3.1%	P,fax
state hospital		Multiple materials	153	231	795	1,179	1.6%	SOARD
winery		composting on-site			600	600	0.8%	M
golf course		grasscycling	456					P,fax
winery		composting on-site			300	520.2	0.7%	M
winery		pomace land application	220			#REF!	#REF!	M
winery		pomace land application	196		178	195.5	0.3%	M
Totals			5888.47	27668.35	1695	#REF!	#REF!	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

NOTE: PLEASE DO NOT USE THE TOTALS IN THE ABOVE CHART TO CALCULATE ANYTHING AS THE FORMULAS CALCULATE INACCURATELY. PLEASE REFER TO ATTACHMENT 9. 1) Steel Pipe manufacturer generates high grade steel for recycling as part of the manufacturing process. Information was obtained through a mailed questionnaire and confirmed by phone. 2) Road base manufacturer-The methodology for quantifying the tonnage from this source is described in Attachment 9. 3) Golf course with 340 mowable acres. Information obtained by phone survey and site visit. The CIWMB Diversion Guide Appendix J-Organics Section indicates grasscycling diverts 350 pounds per 100sq ft. An acre is 43,560 sq ft so 15, 246lbs/acre or 7.6 tons/acre. Contact names and dates of calls are kept in Napa County Dept of Environmental Mgmt (DEM) office. See Attachment 9. 4) Golf course with 300 mowable acres. See #3 above. 5) State Hospital reports are submitted to CIWMB through SOARD program. Hospital keeps disposal and recycling records on site and uses CIWMB conversion factors. 6) Winery Composting/land application-A survey is mailed to all wineries in the County's database. Wineries are asked to indicate their location relative to AB 939 reporting areas and how pomace (an organic byproduct of winemaking) is managed. Pomace is calculated at 15% the total grape tons crushed (this figure was recommended by the two local municipal composters and the Wine Institute). The figures indicated are from the four highest from those reporting; additional tonnage from 20 wineries is indicated in Attachment 9. Only the amount that can be verified through actual survey responses is included. Survey results are shown in Attachment 9. 7) Golf Course (see#3 above) 8-10) See explanation for # 6 above.

a. If the diversion program started on or after January 1, 1990, complete the following table.

Restricted Waste Type		Specific Program Name	Year Started	Tonnage
Inert Solids	▼	Syar Industries	1990	See Attach 9
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

(Date)

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type		Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Inert Solids	▼	Syar Industries	See Attachment 9- follows
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

[illegible]

2002 - Base Year Modification Certification Form - Section 9 Attachment. All Non-residential diversion from surveys. The materials listed were NOT taken to the local Materials Recovery Facility. All materials processed at the MRF are listed in Sections 7& 8.

	Type of Non-Residential Generator	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Survey Method Phone (P) Mail (M) On-site (O) Other ____
1	Businesses	* multiple materials		21145.18		21145.18	M,P
2	Concrete/asphalt recycler	concrete and asphalt		7008.95		7008.95	P,M
3	Golf courses	** grasscycling	5320.00			5320	P,fax
4	Wineries	*** pomace on-site composting			1431.3	1431.3	M
5	State Hospital	multiple materials	152.77	55	795	1002.88	SOARD (CIWMB)
6	Wineries	*** pomace land application	790.6			790.6	M
7	Beverage manufacturer	organic by-product		142		142	Fax
8	Pesticide container recycling event(s)	plastic (95% HDPE)		3.17		3.17	P
9							
	TOTAL		6263.37	28354.41	2226.3	36844.08	
		* 42 businesses no wood or pallets included					
		** 700 acres from 3 golf courses x 7.6 tons /acre					
		*** 14 wineries					
		**** 11 wineries					

Unincorporated Business Survey 2002

Type of Material Recycled or Reused (tons):	42 Businesses indicated weight by material type recycled outside of the franchised hauler:																					
	Allied Propane Service	Beringer Blass Wine Estates	Bouchaine Vineyards	Caltest Analytical Lab	Chardonnay Golf Club	Chimney Rock Winery	Dariouish Winery	Demptos Napa Cooperage	Don Sebastiani & Sons	Dowdle & Sons Mechanical, Inc.	Eldex, Inc.	Etude Wines	FAA US Govt APC ATCT	Harbinger	Hendry Ranch	Hwy 29 Café	IASCO	Integrated Biosystems	Key Industrial	Kirkland Ranch Winery	Kokolios Iron Works & Supply	
PAPER:																						
Mixed paper					0.5										0.25							
Shredding Service		1		6.1														2	x			
Cardboard									8.5													
Newspaper																						
Other paper																						
PLASTIC:																						
HDPE																			x			
PET																			x			
Film plastic									4.5				0.01									
Other plastic															0.25							
GLASS:																						
Glass bottles						6	1.2		6.5		0.05	0.5	0.01						x			
Other glass																						
METALS:																						
Aluminum cans											0.02		0.01				0.06					
Copper																						
Steel	1																		x		7.5	
Scrap metal																						
FOOD WASTE																6						
TEXTILES & LEATHER																						
YARD/GREEN WASTE	0.5					3																
GRASSCYCLING					x																	
OTHER ORGANICS																						
TOTAL PER BUSINESS	1.5	1	0	6.1	0.5	9	1.2	0	19.5	0	0.07	0.5	0.02	0	0.5	6	0.06	2	0	0	7.5	

Pallets Reused/Recycled:

WOOD:	Tons:
Pallets	17.6
Other Wood Waste	7.5

Business Survey Response Rate: 37% 208 surveys mailed. 77 businesses responded.

Type of Material Recycled or Reused (tons):	Lafitte Cork & Capsule	MPD Racing, Inc.	Napa County Fire Dept.	Napa Pipe, Inc.	Pacific Breaker Systems	Santen, Inc.	Schieck Printing	Seguin Moreau	Settle Brook Ranch	Silverado Veterinary Hospital	Skyline Wilderness Park	Spartan Electric, Inc.	TIG Specialty	The Fulfillment Center	Tower Road Wine Storage	Trefethen Vineyards Winery	Turner Moving & Storage	United Rentals	Winegrowers Farming Co.	Wine Service Co. Op	Wolff's Welding	TOTALS:
PAPER:																						
Mixed paper				2					0.05	5							2					9.8
Shredding Service					3			0.02					0.5	2.75								14.9
Cardboard				20				x				0.15					10					38.7
Newspaper								x														0.0
Other paper																						0.0
PLASTIC:																						
HDPE			0.03					x		0.5							1					1.5
PET			0.03					x		0.5												0.5
Film plastic																	0.5					5.0
Other plastic																						0.3
GLASS:																						
Glass bottles			0.15						0.02	0.03	5	0.15	0.25				0.5		0.25			20.6
Other glass																						0.0
METALS:																						
Aluminum cans			0.05					0.06	0.02	0.01	2	0.15	0.25		0.03		0.25					2.9
Copper																						0.0
Steel				20,428				x										x				20436.5
Scrap metal		50		* includes scrap metals	2	0.1	1	x								1					500	554.1
FOOD WASTE																						6.0
TEXTILES & LEATHER																						0.0
YARD/GREEN WASTE						1														1		5.5
GRASSCYCLING	x																			1		1.0
OTHER ORGANICS																						0.0
TOTAL PER BUSINESS	0	50	0.25	20450	2	4	0.1	1.06	0.06	0.09	13	0.45	1	2.75	0.03	1	14.3	0	0.25	2	500	21,089.7